



PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-124728

(43)Date of publication of application : 11.05.1999

(51)Int.Cl.

D01F 6/70
A41B 11/00
// D01D 5/253

(21)Application number : 09-289704

(71)Applicant : TOYOBO CO LTD

(22)Date of filing : 22.10.1997

(72)Inventor : FURUYA TETSURO
NISHIMOTO AKIRA
HAYASHI KIYOHIDE

(54) POLYURETHANE ELASTIC FIBER HAVING MODIFIED CROSS SECTION AND PANTYHOSE USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a pantyhose excellent in dry touch and gloss and durability and having a new touch.

SOLUTION: This modified cross-sectional polyurethane elastic yarn in which on the cross section of each monofilament, the monofilament has three or more projections on the outer periphery, and has a R/r ratio of ≥ 2.0 wherein R is the radius of the circumcircle of the cross section and r is the radius of the inscribed circle. The pantyhose uses covering yarns at least in the leg portion of the pantyhose. Each of the covering yarns is produced by winding non-elastic fibers on a core yarn comprising the polyurethane elastic fibers.

LEGAL STATUS

[Date of request for examination] 08.10.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3852638